

## **ABSTRACT**

A method for implementing an adaptive mixing energy ratio between at least two soundtracks of video footage in a video image-editing environment is disclosed, the process being transparent to a user beyond a single step of initiation. The method includes applying at least one video/audio analysis technique to a session of video footage, demarcating the footage into a plurality of segments, determining a mixing energy ratio for each of the segments according to the analysis, and interpolating the mixing energy ratios for the segments to produce a mixing energy ratio profile before applying the mixing energy ratio profile to the session of video footage.